## (19) World Intellectual Property Organization International Bureau





(43) International Publication Date 1 December 2005 (01.12.2005)

## PCT

## (10) International Publication Number WO 2005/113881 A1

(51) International Patent Classification7:

D06F 39/08

(21) International Application Number:

PCT/KR2005/001164

(22) International Filing Date: 22 April 2005 (22.04.2005)

(25) Filing Language:

Korean

(26) Publication Language:

English

(30) Priority Data: 10-2004-0028255 23 April 2004 (23.04.2004)

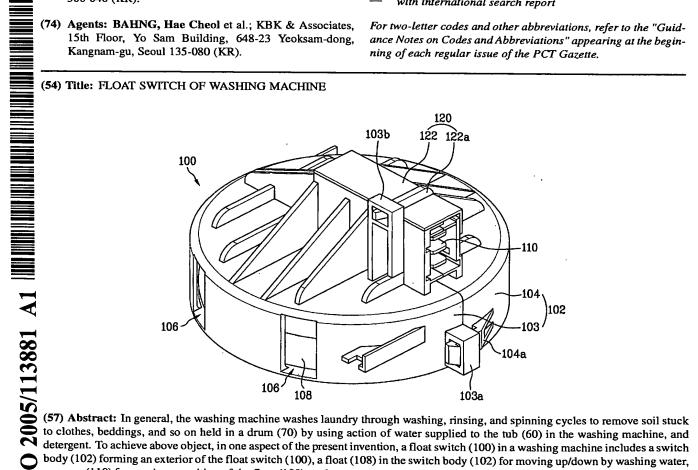
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- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI. GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

## Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guid-



detergent. To achieve above object, in one aspect of the present invention, a float switch (100) in a washing machine includes a switch body (102) forming an exterior of the float switch (100), a float (108) in the switch body (102) for moving up/down by washing water, a sensor (110) for sensing a position of the float (108), and a water protector (120) for preventing the washing water from infiltrating to the sensor (110). The water protector (120) is a "¬" shape bracket over an upper surface of the switch body (102).

